|     | Index of Claims Ap   |                                |             |         |                           |              |                |         |                  |             |       |          |          | Application/Control No. |               |  |           |          |             |           |           |       | Applicant(s)/Patent under Reexamination |            |               |         |         |                     |          |          |          |           |  |   |  |
|-----|--|--------------------------------|-------------|---------|---------------------------|--------------|----------------|---------|------------------|-------------|-------|----------|----------|-------------------------|---------------|--|-----------|----------|-------------|-----------|-----------|-------|---|------------|---------------|---------|---------|---------------------|----------|----------|----------|-----------|--|---|--|
|     | A CONTRACTOR CONTRACTO |                                |             |         |                           |              |                |         |                  |             |       |          |          |                         | 10/783,763    |  |           |          |             |           |           |       |   |            | LEE, WHONCHEE |         |         |                     |          |          |          |           |  |   |  |
|     |  |                                |             |         |                           |              |                |         |                  |             |       |          |          |                         | Examiner      |  |           |          |             |           |           |       |   | 7          | Art Unit      |         |         |                     |          |          | _        |           |  | _ |  |
|     |  |                                |             |         |                           |              |                |         |                  |             |       |          |          |                         | Kin-Chan Chen |  |           |          |             |           |           |       |   |            | 1765          |         |         |                     |          |          |          |           |  |   |  |
| -   | √ Rejected   |                                |             |         |                           |              |                |         | _ (Through numer |             |       |          |          |                         | ral           | i)                                     |           | N        | Non-Electe  |           |           |       | ted                                     |            | A             | Appeal  |         |                     |          |          |          |           |  |   |  |
|     |  |                                |             |         | = Allowed                 |              |                |         | •                | Restricted  |       |          |          |                         |               |  | I Interfe |          |             | fer       | en        | ice   |   | 0          | Objected      |         |         |                     |          |          |          |           |  |   |  |
|     | Claim  |                                |             |         |                           | Date         |                |         |                  |             | Claim |          |          |                         | _             | Dat                                    |           |          | 9           |           |           | Claim |   |            |               | Date    |         |                     |          | _        |          |           |  |   |  |
|     | al   | = = 12                         |             |         |                           |              | Τ              |         |                  | :[          | _     | lar      |          | T                       | Τ             |  | Г         |          | $\top \top$ |           |           |       |   |            | T             |         |         | Π                   |          |          |          |           |  |   |  |
|     | Final  | Ortginal                       | 6           | 18      | 06                        |              |                |         |                  |             |       | Final    | Original |                         |               |  |           |          |             |           | ŀ         |       | Final                                   | Original   |               | 1       |         |                     |          |          |          |           |  |   |  |
|     |  | 1                              | 7           | Ķ       | [                         | 7            | 7              | Ŧ       | П                | Π.          | F     |          | 51       | $\Box$                  | #             | #                                      |           |          |             |           | $\exists$ |       |   | 101        |               | 1       | #       | I                   | I        |          |          |           |  |   |  |
|     |  | 3                              | ╫           | #       | H                         | +            | +              | +       | Н                | -           | H     | ᅱ        | 52<br>53 | +                       | ╁             | ╁                                      | Н         | H        | $\vdash$    | $\dashv$  | $\dashv$  |       |   | 102        | $\dashv$      | +       | +       | ╁                   | $\vdash$ | Н        | Н        | Н         |  |   |  |
|     |  | 4                              | I           | I       | Ш                         | 1            | 1              | I       |                  | 二           |       |          | 54       |                         | 1             | 1                                      |           |          |             |           |           |       |   | 104        |               | 土       | 1       | İ                   |          |          |          | $\exists$ |  |   |  |
|     |  | 5<br>6                         | ╫           | ╫       | ₩                         | +            | +              | ╁       | Н                | ┵           | ŀ     |          | 55<br>56 | +                       | +             | ╀                                      | -         | H        | H           | Н         | 4         |       |   | 105<br>106 | $\vdash$      | -       | ╀       | ╀                   | ╀        | Н        | Н        | $\dashv$  |  |   |  |
|     |  | 7                              | II          | 忙       | Ш                         | $\pm$        | 1              | 土       | Н                |             | t     |          | 57       | +                       | +             | +                                      | -         | -        | ┢           | Н         | $\dashv$  |       |   | 107        | Н             | +       | ╁       | ╁                   | $\vdash$ | Н        | H        | $\dashv$  |  |   |  |
|     |  | 8                              | $\prod$     | $\prod$ | Ш                         | $\Box$       | $\mp$          | T       |                  |             | Γ     |          | 58       |                         | I             | 工                                      |           |          |             |           |           |       |   | 108        |               |         | I       | I                   |          |          |          |           |  |   |  |
|     |  | 10                             | ╫           | #       | Н                         | +            |                | +       | Н                | ٦:          | ┝     |          | 59<br>60 | -                       | ╀             | ╀                                      | L         | ⊢        | H           | Н         |           |       |   | 109<br>110 | $\vdash$      | +       | +       | ╀                   | ╄        | Н        | Н        | $\dashv$  |  |   |  |
|     |  | 11                             |             |         |                           | +            | 十              | 1       | $\vdash$         |             | t     | _        | 61       | +                       | 十             | 十                                      | ┢         | ┢        | -           | H         | ᅱ         |       |   | 111        | H             |         |         | ╁                   | $\vdash$ | ╁┤       | Н        | $\dashv$  |  |   |  |
|     |  | 12                             | $\prod$     | $\prod$ | Ш                         | $\Box$       | 1              | Ţ       | $\Box$           | $\exists$   | Γ     |          | 62       |                         | Ţ             | $\perp$                                |           |          |             |           |           |       |   | 112        |               | 工       | 1       |                     |          |          |          |           |  |   |  |
|     | -  | 13<br>14                       | ₩           | ₩       | ₩                         | 4            |                | ╀       | $\vdash$         | վ:          | ╁     |          | ස<br>64  | $\vdash$                | ╀             | ╀                                      | L         | ļ        | L           | Н         | 4         |       |   | 113        | $\sqcup$      | 4       | $\bot$  |                     | Ļ        | Ц        |          | $\Box$    |  |   |  |
|     |  | 15                             | H           | ╫       | Н                         | +            | ╅              | ╁       | Н                | -           | ╁     | $\dashv$ | 65       | +                       | 十             | +-                                     | ┝         | ┝        | $\vdash$    | Н         | $\dashv$  |       |   | 114<br>115 | $\vdash$      | ╁       | ╁       | ╁                   | ╀        | $\vdash$ | Н        | $\dashv$  |  |   |  |
|     |  | 16                             | $\parallel$ | $\prod$ | Ш                         | $\Box$       | Ι.             | I       |                  | ]:          | L     | $\Box$   | 66       |                         | I             |  |           |          |             |           |           |       |   | 116        |               | 士       |         | 上                   |          |          |          |           |  |   |  |
|     |  | 17<br>18                       | ₩           | ₩       | ₩                         | +            | +              | ╁       | ╀                | $\dashv$    | -     |          | 67<br>68 | +                       | +             | ╀                                      | L         | -        | L           | Н         | 4         |       |   | 117        | $\vdash$      | 4       | $\bot$  | $\perp$             | L        | $\perp$  | Ц        | Щ         |  |   |  |
|     |  | 19                             |             |         | $\dagger \dagger \dagger$ | 7            |                | +       | Н                | $\dashv$    | H     | $\dashv$ | 8        | +                       | ╅             | +                                      | H         | H        | $\vdash$    | Н         | $\dashv$  |       |   | 119        | $\vdash$      | -+      | ╁       | ╁                   | ╁        | $\vdash$ | Н        | Н         |  |   |  |
|     | 7  | 20                             | 1           | Π.      | Ш                         | $\downarrow$ | Į.             | T       | $\Box$           | $\exists$ : | L     |          | 70       |                         | 1             | 工                                      |           |          |             |           | $\exists$ |       |   | 120        | $\Box$        | $\perp$ | $\perp$ | I                   |          |          |          |           |  |   |  |
|     |  | 21                             | ₩           | ╫       | ₩                         | +            | ┿              | ╁       | ┦                | 4           | -     | $\dashv$ | 71<br>72 | +                       | ╀             | ╀                                      | ┞         | ┝        | _           | Ц         | $\dashv$  |       |   | 121<br>122 | Н             | +       | +       | $\perp$             | _        | L        |          | Ц         |  |   |  |
|     | 1  | 23                             | 忙           | 世       | Ш                         | 1            | 士              | 士       | $\Box$           | ┨:          | ۲     | $\neg$   | 73       |                         | ╁             | +                                      |           | $\vdash$ | -           | $\dashv$  | $\dashv$  |       | -                                       | 123        | $\vdash$      | +       | ╁       | ╁                   | ╁╴       | ┝        | Н        | Н         |  |   |  |
|     |  | 24                             | $\prod$     | $\prod$ |                           | $\exists$    | Ţ              | I       | $\Box$           | $\Box$      |       |          | 74       |                         | I             | I                                      |           |          |             |           |           |       |   | 124        |               | 士       | 土       | 1                   | İ        |          |          |           |  |   |  |
| , i |  | <del>25</del><br><del>28</del> | ╫           | ╫       | Н                         | +            | +              | ╀       | $\vdash$         |             | -     |          | 75<br>76 | $\vdash$                | +             | +                                      | -         | -        | L           | Н         | $\dashv$  |       |   | 125<br>126 | Н             | $\perp$ | $\bot$  | L                   | -        | $\perp$  | Ц        | $\Box$    |  |   |  |
| - 3 |  | 27                             | $\parallel$ | H       | H                         | $\dagger$    | +              | +-      | H                | ⊣::         | ŀ     | 一        | 77       | +                       | ╁             | +                                      | $\vdash$  | $\vdash$ | Н           | H         | $\dashv$  |       | -                                       | 127        | H             | ╁       | 十       | ╁                   | ╁╴       | $\vdash$ | Н        | Н         |  |   |  |
|     |  | 28                             |             | П       | П                         | 7            | $\blacksquare$ | I       |                  | _           |       | $\Box$   | 78       |                         | T             |  |           |          |             |           | ]         |       |   | 128        |               |         |         | I                   |          |          |          |           |  |   |  |
|     |  | <del>20</del><br>30            | ╟           | ₩-      | Н                         | +            | +              | ╁       | H                | -:          | -     | -        | 79<br>80 | +                       | ╀             | ╬                                      | _         | Ŀ        | L           | Н         |           |       | Щ                                       | 129<br>130 | $\vdash$      | 4       | ╀       | 1                   |          | $\perp$  |          |           |  |   |  |
|     |  | 3                              | 4           | V       | H                         | $\perp$      | $\perp$        | +       | Н                |             | 1     |          | 81       | +                       | t             | +                                      | H         | -        | Н           | $\dashv$  | -         |       | -                                       | 131        | H             | ╅       | +       | ╁                   | ╁        | ╁        | Н        | H         |  |   |  |
|     |  | 32                             |             |         | П                         | $\perp$      | $\top$         | L       |                  | $\exists$   | I     |          | 82       |                         | Ţ             | I                                      |           |          |             |           |           |       |   | 132        |               | 工       | 土       | T                   |          |          |          |           |  |   |  |
|     |  | 33<br>34                       | $\vdash$    | ⊢       | H                         | +            | +              | ╁       | Н                | ::          | ┝     |          | 83<br>84 | +                       | +             | ╁                                      | H         | -        | Н           | -         | 4         |       |   | 133<br>134 | $\dashv$      | +       | +-      | ╀                   | ╀        | Ц        | Н        |           |  |   |  |
|     |  | 35                             |             |         |                           | 士            | 1              | 1       |                  | ٦.          | 卜     | -        | 85       | +                       | ╁             | ╁                                      |           | -        | Н           | $\dashv$  | $\dashv$  |       |   | 135        | H             | +       | +       | ╁                   | ╁        | Н        | Н        | Н         |  |   |  |
|     |  | 36                             | L           | L       | П                         | 4            | 4              | $\perp$ | П                | ⊒:          | Į     | $\Box$   | 86       | $\Box$                  | I             | I                                      |           |          | П           |           |           |       |   | 138        |               | 土       | 工       | İ                   |          |          |          |           |  |   |  |
|     |  | 37<br>38                       | H           | ┝       | Н                         | +            | +              | ╀       | $\vdash$         | -8          | }     | ┙        | 87<br>88 | -                       | ╀             | ╁                                      | L         | _        | Н           | $\dashv$  | 4         |       | ٠                                       | 137<br>138 |               | +       | 4-      | ╀                   | ╀        | Н        | Н        | Н         |  |   |  |
|     |  | 39                             |             |         |                           | 士            | 士              | 1       |                  |             | t     | $\neg$   | 89       | +                       | +             | 十                                      | -         | _        | Н           | $\dashv$  | 4         |       |   | 139        | H             | ╅       | 十       | ╁                   | ╁╴       | Н        | Н        | Н         |  |   |  |
|     |  | 49                             | L           |         | Ц                         | $\bot$       | Ŧ              | T       | П                | <b>-</b>    | Ĺ     |          | 80       |                         | I             | $\perp$                                |           |          |             | $\square$ |           |       |   | 140        |               | 土       | 工       | L                   |          |          |          |           |  |   |  |
|     | -  | 41                             | H           | H       | $\vdash$                  | ┿            | ╁              | ╁       | Н                | -           | }     |          | 91<br>92 | +                       | ╀             | +                                      | <u> </u>  | H        | Н           | $\dashv$  | 4         |       |   | 141        | Н             | 4       | +       | ╄                   | ╀-       | L        | Ц        |           |  |   |  |
|     |  | 43                             |             |         | H                         | 士            | 1              | $\pm$   | H                | <b>-</b>  : | +     | _        | 93       | +                       | +             | $\dagger$                              |           | -        | H           | $\vdash$  | $\dashv$  |       |   | 142<br>143 | H             | +       | +       | +                   | +        | Н        | Н        | Н         |  |   |  |
|     |  | 44                             |             |         | П                         | 7            | T              | T       |                  |             | I     | $\Box$   | 94       | $\Box$                  | I             | I                                      |           |          |             |           |           |       |   | 144        |               | 士       | #       | 上                   | 匚        |          | Ħ        |           |  |   |  |
|     | -  | 45<br>48                       | $\vdash$    | Н       | ├┼                        | +            | +              | +       | Н                | -           | 1     | $\dashv$ | 88       | +                       | +             | +-                                     | -         |          | Н           | $\vdash$  | 4         |       |   | 145        | Ц             | 4       | 4       | <del> </del>        | F        | $\Box$   | $\sqcup$ | Ц         |  |   |  |
|     |  | 47                             |             | Ħ       |                           | 士            | 士              | 士       | Н                | _ :         | +     | _        | 97       | +                       | 十             | +-                                     | -         | ┝        | Н           | H         | $\dashv$  |       |   | 148<br>147 | Н             | +       | +       | ╁╴                  | ╁        | Н        | Н        | Н         |  |   |  |
|     |  | 48                             | $\Box$      |         | $\Box$                    | 1            | $\downarrow$   | Ţ       |                  | <b>二</b> :  | I     | $\Box$   | 98       | $\sqsupset$             | 工             | I                                      |           | П        |             |           | J         |       |   | 148        |               | 士       | 士       | T                   | L        |          |          |           |  |   |  |
|     | $\vdash$   | 49<br>50                       | Н           | Н       | ${oldsymbol{arphi}}$      | +            | +              | ╀       | Н                | -40         | +     | [        | 56       | 4                       | +             | 1                                      | $\Box$    |          | Ц           | Ц         | $\Box$    |       |   | 149        | П             | Ţ       | Ţ       | $oldsymbol{\Gamma}$ | 1.       |          |          |           |  |   |  |
| 1   |  | 30                             | Ц_          | بـــا   | ш                         |              |                | 1_      | ш                |             | L     |          | 100      | حل                      | _             | _ـــــــــــــــــــــــــــــــــــــ | لــا      | L        | Щ           | Щ         |           | ::1   |   | 150        | Ш             | $\perp$ | 上       | ⊥_                  | 1_       | Ш        | Ш        | Ц         |  |   |  |